



Rural District of Warwick

ANNUAL REPORT

OF THE

HEALTH OF THE DISTRICT

FOR THE YEAR 1971

BY

D. LIVINGSTONE, M.B., D.P.H.,

MEDICAL OFFICER OF HEALTH

OF THE

Warwickshire Combined Districts

Leamington Spa

at TOMES OF LEAMINGTON

1972

1, EUSTON SQUARE,
LEAMINGTON SPA.

July 27th, 1972.

**To the Council of the Rural District of
WARWICK**

Mr. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you my annual report upon the health of your district for 1971. The year has been a satisfactory one. A small increase in population again took place whereas the Registrar General notified reductions in several adjacent districts following the 1971 Census.

Much of the report is devoted again to drainage, sewerage and sewage disposal and refuse collection because of the rapid residential development.

It is envisaged, as part of the local government reforms, that this Council will join with three other local authorities to create a new and larger district. Since the time of writing there has been a definite statement of the final plan for the national health service. It seems likely that the statutory office of Medical Officer of Health will lapse on March 31st, 1974. The three separate parts of the health service will be unified on 1st April, 1974 under Area Health Authorities co-terminous with new Counties. Doctors who do clinical work or are in health Service administration will be employed by or in contract with National Health Service Authorities. Local authorities will be encouraged to seek medical advice in regard to their statutory duties by appropriate arrangements made with Area Health Authorities. Advice will be needed both in regard to Social Services and School Health Services at county level and in regard to infectious disease control and environmental health problems at district level. Environmental service organisation will need to be such as to allow free and direct contacts between appropriate officers of the two sides.

It seems probable that I shall only present to you one more annual report prior to these changes. It is once more my pleasure to acknowledge the courtesy, help and kindness which have been afforded to me by members of the Council, your Clerk and my fellow officers.

I am,

Your obedient servant,

D. LIVINGSTONE,

Medical Officer of Health.

Warwick Rural District.

A. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Population (estimated) Mid-year, 1971	...	...	27,890
Area of district	...	...	55,896 acres
Product of penny rate	...	...	£12,762
Total number of permanent dwellinghouses and flats	...	...	8,616
Birth Rate per 1,000 population (Crude)	...	...	15.3
Birth Rate per 1,000 population (Corrected)	...	...	14.2
Still Birth Rate—Rate per 1,000 total births	...	...	7.0
Death Rate per 1,000 population (Crude)	...	...	12.3
Death Rate per 1,000 population (Corrected)	...	...	9.7
Death Rate of Infants under 1 year of age:—			
All Infants per 1,000 live births	...	...	12.0
Legitimate Infants per 1,000 legitimate live births	...	...	12.0
Illegitimate Infants per 1,000 illegitimate live births	...	...	—

Population.—The population rose by 230 and the excess of births over deaths was only 85.

Details of statistics for the past few years are given in Table II.

B. GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Medical Officer of Health.

F. D. M. LIVINGSTONE, M.B., B.Chir.,
M.R.C.P., D.P.H.

Deputy Medical Officer of Health.

M. V. RICHARDS, M.B., Ch.B., D.C.H., D.P.H.

Public Health Officers.

Senior Public Health Inspector.

W. E. QUALTROUGH, Cert. Public Health Inspector. Cert. Inspector of Meat and Other Foods. Cert. Smoke Inspector.

Additional Public Health Inspectors:

R. D. HAMMOND, Cert. Public Health Inspector
Cert. Inspector of Meat and Other Foods.

D. G. BEAUMONT, (commenced 18th
September 1971)
Cert. Public Health Inspector.
Cert. Inspector of Meat and Other Foods.
Diploma in Air Pollution Control.

Clerks:

Mrs. E. C. RAINFORD.

*S. BUCKLEY.

*Miss B. GIBBONS WARD.

* (Members of L.H.A. Clerical Staff with part-time allocated to services of Joint Sanitary Committee, M.O.H.'s office).

C. SANITARY CIRCUMSTANCES OF AREA

The Water Board's own Joint Laboratory service allowed regular analyses to be made. Supplies were chlorinated as necessary.

Water Samples.—Of the eleven samples taken from private sources 9 were unsatisfactory. Action was subsequently initiated for the provision of a wholesome supply. 7 samples taken from mains supply were satisfactory, as were the 44 samples taken in the area supplied by the Coventry Water Undertaking.

Analysis reports were received from the South Warwickshire Water Board. Some of these are reproduced in the following table.

WATER ANALYSIS

Results expressed in parts per million

Summary Chemical Analysis 1970-71.

From: South Warwickshire Water Board.

<i>Source</i>	<i>Whitnash (Raw)</i>	<i>Leek Wootton (Treated)</i>	<i>Haseley (Chlor.)</i>	<i>Budbrooke (Raw)</i>	<i>Rowington (Chlor.)</i>	<i>Shrewley (Chlor.)</i>
Total Hardness ...	439	284	312	185	136	141
Alkali (as CaCO ₃) ...	245	229	213	119	123	113
Chloride ...	43	24	32	125	18	18
Fluoride ...	0.17	0.12	0.25	0.10	0.10	0.10
Iron (Fe) ...	0.02	0.10	0.09	0.10	0.04	0.02
Manganese (Mn) ...	0.01	0.01	0.02	0.02	0.01	0.01
Free Ammonia ...	0.04	0.16	0.10	0.20	0.05	0.05
No. of Samples ...						

All results are expressed in parts per million.

The number of houses within the District supplied by the South Warwickshire Board's public mains direct is 8,136. The population served is 25,339. Six houses were served by standpipes giving a supply to 14 persons.

SEWERAGE AND SEWAGE DISPOSAL

1. General

The main event in the year was the completion of the Contract No. 17, the scheme of sewerage for Norton Lindsey and for Hampton-on-the-Hill. The new Disposal Works at Norton Lindsey also receives and treats sewage from the Parish of Wolverton within the Stratford R.D.C., while the Hampton-on-the-Hill sewers outfall to the Budbrooke Disposal Works which has been modified to cater for the flow.

On this scheme the Council pursued its normal policy of giving sewer connections to curtilage but nevertheless most landowners have already taken up the laterals.

2. The Council's Consultants—Messrs. J. D. & D. M. Watson, during the year have:—

- (a) completed Contract No. 17 as described in paragraph 1. and
- (b) been engaged on design work for the Eastern Area Sewerage Scheme covering the villages of Eathorpe, Wappenbury, Offchurch, Hunningham and Weston-under-Wetherley.

A trial boring contract has been prepared to assist the designers and results of this are expected early in 1972. It is hoped to go to tender on the whole scheme in the same year.

3. **The Engineer & Surveyor** has been responsible for the Department's execution of the following works:—

(i) A 6" diameter diversionary sewer has been constructed in Church Lane, Baginton in order to bypass a troublesome 6" sewer under a tipped area.

(ii) A tertiary treatment lagoon has been constructed at the Lapworth and Rowington Sewage Disposal Works to replace an unsatisfactory land irrigation system.

(iii) A 6" and 9" asbestos cement sewer has been laid between the Dugard Place Sewage Pumping Station sump and the sump of Sandy Way, Barford Sewage Pumping Station.

This procedure has rendered redundant the Dugard Place pumping station, a 3" standby-petrol pump system is still maintained within the building and the original rising main to Wellesbourne Road, Barford has been retained against emergencies.

Generally however the scheme reduces to one only the original two pumping sequences into the Wellesbourne Road Sewers.

D. HOUSING

This section appears in the report of the Senior Public Health Inspector and only a summary appears here.

1. The re-development of the site of 45-57 Heathcote Road, Whitnash was completed during 1971 with the erection of six—1 bedroom maisonettes and eleven 3 bedroom houses.

At Aylesbury Road, Hockley Heath another re-development scheme commenced on the site of Nos. 168-182. Thirteen 3—bedroom houses and three 1—bedroom bungalows are in course of erection.

Action taken under Part 11 of the Housing Act 1957 is as follows:—

Demolition Orders made:...	...	2
Clearance Orders made: ...	...	1 (four dwellings)
Closing Orders made: ...	...	2
Closing Orders determined: ...	...	2
Undertakings not to use for human habitation ...	...	1
Undertaking cancelled—		
House made fit...	...	1
Closing Order revoked ...	...	1

2. *Overcrowding*.—No case of overcrowding was found.

3. The following table shows the number of houses built by the Council up to the 31st December, 1971.

	<i>T.</i>	<i>S.</i>	<i>P.</i>	<i>Total</i>
Baddesley Clinton	—	—	24	24
Baginton ...	—	—	44	44
Barford ...	—	—	80	80
Beausale ...	—	2	20	22
Bubbenhall ...	—	—	42	42
Cubbington ...	10	—	223	233
Hatton ...	—	—	32	32
Lapworth ...	—	2	66	68
Leek Wootton ...	—	—	24	24
Radford Semele ...	10	4	116	130
Rowington ...	—	—	40	40
Shrewley ...	—	2	14	16
Stoneleigh ...	—	2	36	38
Tachbrook ...	—	—	181	181
Weston-u-Wetherley	—	—	39	39
Whitnash ...	3	—	119	122
Totals ...	23	12	1100	1135

T. Temporary. *S.* Swedish. *P.* Permanent.

4. *Common Lodging Houses*.—There are none within the district.

E. INSPECTION AND SUPERVISION OF FOOD

1. The County Medical Officer of Health has supplied information concerning routine samples taken for biological examination and keeping quality as set out in sub-paragraphs (a) and (b).

(a) *Food and Drugs Act 1955, Section 31.*

Nine samples of milk taken. Results were negative for tuberculosis, *Brucella abortus* and antibiotics.

(b) *Milk (Special Designation) Regulations.*

<i>Designation of Milk</i>	<i>No. of Samples</i>	<i>Tests Failed</i>		
		<i>Meth. Blue</i>	<i>Phosphatase</i>	<i>Turbidity</i>
Untreated	—	—	—	—
Pasteurised	77	3	0	—
Sterilised	1	—	—	0

2. *Ice Cream*.—Four premises were registered for the sale of ice cream or as mobile shops.

3. *Meat Inspection*.—There was a slight decrease in animals slaughtered during the year—229 sheep and lambs and 69 pigs as compared with 232 and 76 for the previous year. This is carried out at the sole remaining slaughterhouse in the area. The slaughterhouse is well maintained.

4. *Poultry Processing Premises*.—One place continues to be used for the slaughter of poultry. Approximately 4,350 turkeys and 1,555 broilers were dressed. Dressing of poultry is mainly confined to the Christmas period 3.38% of turkeys and 3.54% of broilers were rejected as being unfit.

5. *Unsound Food etc.*—Few complaints were received during the year, those dealt with were as follows:—

<i>Commodity</i>	<i>Decomposition</i>	<i>Foreign Matter</i>	<i>Mould</i>
Milk		1	
Confectionery			2
Bread		1	
Canned meat	1		

No formal action was taken by the Council under the Food and Drugs Act.

Public Health Inspectors have from time to time sampled drinking water from the tanks of passenger aircraft landing at Baginton Airport. They have also paid visits there in connection with the airfreight of perishable food from abroad.

MEAT INSPECTION, 1971.

Carcases and Offal inspected and condemned in whole or part

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	Nil	Nil	Nil	229	69	Nil
Number inspected	Nil	Nil	Nil	229	69	Nil
<i>All diseases except Tuberculosis and Cysticerci:</i>						
Whole carcasses condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned	Nil	Nil	Nil	Nil	Nil	Nil
Percentage of the number inspected affected with disease other than Tuberculosis or Cysticerci	Nil	Nil	Nil	Nil	Nil	Nil
<i>Tuberculosis only:</i>						
Whole carcasses condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned	Nil	Nil	Nil	Nil	Nil	Nil
Percentage of number inspected affected by Tuberculosis	Nil	Nil	Nil	Nil	Nil	Nil
<i>Cysticercosis:</i>						
Carcases of which some part or organ was condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcases submitted to treatment by refrigeration	Nil	Nil	Nil	Nil	Nil	Nil
Generalised and totally condemned	Nil	Nil	Nil	Nil	Nil	Nil

F. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE

Incidence of Major Infectious Diseases since 1964

		Dysentery	Food Poisoning	Scarlet Fever	Poliomyelitis	Whooping Cough
1964	...	13	20	6	—	9
1965	...	30	2	5	—	1
1966	...	24	5	1	—	23
1967	...	14	—	10	—	1
1968	...	2	—	6	—	16
1969	...	6	—	5	—	3
1970	...	14	3	2	—	—
1971	...	6	—	4	—	4

Reference to Table III will give the age distribution of the cases notified during 1971.

Apart from measles there was no prevalence of a single disease. Some difficulties arose in surveillance of travellers returning from abroad who had been unable to show valid international vaccination certificates to the port health officers. Late receipt of notifications meant that inspectors could not visit many persons until the set period had already expired.

TUBERCULOSIS

This year there were 4 new notifications.

The following table shows the past incidence of Tuberculosis in the Warwick Rural District :—

		1952	1953	1954	1955	1956	1957	1958
Cases	...	28	30	33	46	55	25	22
Deaths	...	1	5	7	5	7	5	1
		1959	1960	1961	1962	1963	1964	1965
Cases	...	26	20	14	9	11	11	5
Deaths	...	1	2	1	1	4	—	—
		1966	1967	1968	1969	1970	1971	
Cases	...	3	6	5	6	2	4	
Deaths	...	2	3	1	1	—	2	

Age Periods	New Cases				Transfers into District				Deaths			
	Pul- monary		Non- Pul.		Pul- monary		Non- Pul.		Pul- monary		Non- Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—	—	—	—	—
1-5	—	—	—	—	—	—	—	—	—	—	—	—
5-10	—	—	—	—	—	—	—	—	—	—	—	—
10-15	—	—	—	—	—	—	—	—	—	—	—	—
15-20	—	—	—	—	—	—	—	—	—	—	—	—
20-25	—	—	—	—	—	—	—	—	—	—	—	—
25-35	—	—	—	—	—	—	—	—	—	—	—	—
35-45	1	1	—	—	—	—	—	—	—	—	—	—
45-55	1	—	—	—	—	—	—	—	—	—	—	—
55-65	—	—	—	—	—	—	—	—	—	—	1	—
65 & upwards	1	—	—	—	—	—	—	—	1	—	—	—
	3	1	—	—	—	—	—	—	1	—	1	—

B.C.G. vaccine may be given to:—

(i) *School Leavers.*

Children in their 13th year are offered vaccination if negative reactors to a skin test (Heaf test).

(ii) *Special risk workers.*

e.g. medical students, hospital nurses, etc.

(iii) Infant contacts of known patients.

The local health authority includes the figures for rural district residents inoculated within the central area total. Work done at High or Grammar Schools within your district was as follows:—

(A)	Skin Tests (Heaf)	...	...	281
(B)	Number positive	...	...	46
(C)	Negative reactors vaccinated			
	B.C.G.	...	...	218
(D)	Absent for reading of test	...		—
(E)	Further investigation of chest	...		25

25 children showing positive reactions had chest X-rays, but no report showed active infection to be present.

APPENDIX FOR 1971

FACTORIES ACT, 1961

Prescribed Particulars on the Administration of the Factories Act, 1961

Part I of the Act

1.—INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	Nil	Nil	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Auth- ority	55	17	3	Nil
(iii) Other Premises in which Section 7 is en- forced by the Local Authority (excluding out-workers' premises)	1	Nil	Nil	Nil
Total	56	17	3	—

2.—Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7):					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	3	1	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
Total	3	1	—	—	—

NATIONAL ASSISTANCE ACTS, 1948 AND 1951

There is one case to report this year under the above heading.

Mr. C. B.—(84). This aged widower had lived alone for 18 years in an estate lodge. He enjoyed feline company and neglected cleaning and repair of the property with the result that complaints were received because of the proximity of a boarding school. Not only was the house found to be dilapidated but many nuisances arose from keeping 39 tame cats about the place. After taking advice from a solicitor the man instructed the R.S.P.C.A. to remove and destroy 35 of the animals. Some distant relatives then helped him to cleanse the premises and improve living conditions somewhat. A good deal of press publicity was attracted by the Council's action in this matter.

REPORT OF THE SENIOR PUBLIC HEALTH INSPECTOR

To the Council of the Rural District of Warwick

MR. CHAIRMAN, LADIES AND GENTLEMEN.

It is my pleasure to submit the Annual Report for 1971.

The year has once more been a busy one especially in relation to housing where much time has been devoted to dealing with improvement grant applications and following the work through to completion. To assist in this and other duties we were pleased to welcome into the department Mr. D. G. Beaumont, who joined the staff in September. We trust that he will find the work in the Rural District both interesting and rewarding. Without the appointment of an additional inspector the work would have been seriously hampered.

The year finally saw the completion of the Norton Lindsey Sewerage and Sewage Disposal Scheme, and houses which for generations had survived with a bucket closet were at last able to be connected to main drainage. It is to be hoped

that the last major sewerage scheme in the district—that in the Eastern area—will soon get underway and so enable the improvement of houses in the area to proceed.

While of necessity much time has had to be devoted to housing there are other equally important branches of environmental health and this work is also briefly described in the following pages. The Surveyor has supplied the information relating to refuse, sewerage and sewage disposal.

Once again I am very grateful for the support and help given by the Medical Officer of Health, Clerk of the Council and Chief Officers and express my sincere thanks.

I am,

Your obedient servant,

W. E. QUALTROUGH,

Senior Public Health Inspector.

PUBLIC CLEANSING AND TRANSPORT

Refuse Collection and Disposal

The regular weekly collection of domestic refuse was on the whole satisfactorily maintained throughout the year. The number of premises from which refuse was collected increased by 302 to 9,344 at the end of the year.

Difficulties experienced in regard to the vehicle fleet were overcome with the delivery of two new Shelvoke and Drewry Fore and Aft Tipping refuse collection vehicles. Labour shortage at times of annual holidays and of sickness among employees again presented difficulty and sometimes adversely affected collection frequency. For the small authority with limited functions and resources such a problem defies permanent solution.

Refuse was deposited at a privately-owned tip at Barford where the estimated weight of refuse tipped during the year was 8,655 tons.

Transport

The following vehicles are owned by the Council;—

Refuse Collection "Pakamatic"	...	2
Other rear loaders	4 (including 1	standby)

Cesspool Emptiers: 1,500 gallon capacity	1
1,100 gallon capacity	1
Tractors (light)	1
Tractors (Medium)	1
Land Rovers	4
Vans	3
Lorries (open)	1
Cars	1

Rodent Control.

The Council’s two rodent operators dealt with all reported infestations of rats and mice at private dwellinghouses, business premises and Council-owned properties, and carried out regular service under Contract at farms and other non-domestic premises. The number of such contracts in force at the end of the year was 222 to the total value of £3,121.50.

During the year a sewer treatment was carried out in 12 of the villages but in no manhole was a take recorded.

It was necessary to serve notice under section 4 of the Prevention of Damage by Pests Act 1949 on the occupier of one premises for the destruction of rats. The infestation was eventually cleared up.

SEWERAGE AND SEWAGE DISPOSAL

1. New Road—Norton Lindsey Sewerage.

As an addition to the main scheme of sewerage for the village of Norton Lindsey the construction of an extension of some 364 yards of 6" foul sewers has commenced. This will collect sewage from 11 properties in New Road, Norton Lindsey to the pumping station at the north end of the road whence the sewage is conveyed by 362 yards of 3" pumping main southwards along New Road to outfall at a manhole on the main scheme.

Good progress was being made at the end of the year and completion was expected in February 1972.

2. Whitnash and Bishop’s Tachbrook Comprehensive Sewerage Scheme.

As a part of the proposals for re-routing foul sewage in the Whitnash and Tachbrook areas . . .

- (a) A 9" foul sewer connection is being laid from the Council's Home Farm Crescent, Whitnash Sewage Pumping Station southwards across the allotments to the head in Box Close of the 9" foul sewer gravitating to Fieldgate/Golf Lane sewage pumping station. The ultimate objective is to take Home Farm Crescent sewage pumping station out of commission and to minimise sewage discharges to the public sewers in the area of the Plough Inn. Work was not complete at the end of the year.
- (b) Tenders were invited for the construction of Phase 1(b) consisting of 1110 yards of 9" asbestos cement pumping main to be laid between the site of the proposed Grove Farm Pumping Station and the Heathcote Sewage Disposal Works of the Leamington Corporation. Construction is to commence early in 1972.
- (c) The privately constructed sewage pumping station adjacent to the railway off Golf Lane and Fieldgate Lane, Whitnash, together with its 5" & 6" diameter pumping main leading northwards to the existing Council Station at Home Farm Crescent was adopted during the year. The privately constructed 9" foul sewer extending from Box Close and along Brunel Close to discharge to the newly adopted station was also adopted. This permits the 9" sewer mentioned in paragraph (a) to carry the Home Farm Crescent sewage to the newly adopted station.

3. Burton Green Sewerage

It is proposed to lay some 103 yards of 6" foul sewer near the junction of Cromwell Lane and Red Lane, Burton Green, to collect foul sewage from four properties. The sewage would flow to the north east along Cromwell Lane to the Coventry Corporation sewers. The project was advertised but not commenced during the year and when complete will take four private septic tanks out of commission.

4. Kingswood Sewage Pumping Station

It is proposed to purchase a small amount of land alongside the Kingswood foul sewage pumping station to give better access to the wet well. Negotiations proceeded during the year but were not completed.

5. Rowington Sewage Disposal Works

To improve the pumping of digested sludge to the drying beds at the Rowington Sewage Disposal Works a gantry has

been erected over the sludge sump and the sludge pipework arrangements varied so that a newly purchased portable submersible pump can be used.

This portable pump is also able to perform the duty at several other submersible raw sewage pumping stations within the District in the event of pump failure.

6. The following schemes have shown no significant progress during the year.

(a) *Wasperton Village sewerage and sewage disposal*

The current proposals are to pump sewage from Wasperton to Barford and thence to the sewage disposal works of the Warwick and Leamington Joint Authority being constructed at Longbridge just south of Warwick.

(b) *Old Milverton sewerage and sewage disposal*

The scheme has made no headway but the private pumping station within the grounds of Hazell House and collecting sewage from the Hazell House complex and from the Blackdown Hotel is satisfactorily discharging along a 3" pumping main to the north east to the Leamington Corporation sewers in Leicester Lane. The Council has agreed to adopt the pumping main.

(c) *Lowsonford (Housing) Sewerage Disposal Works*

The tentative proposals to abandon the Works and to pump sewage to the Lapworth and Rowington Sewage Disposal Works are still current but have not progressed.

7. In the case of the Haseley Knob and Beausale Sewerage Scheme which allows for the collection of foul sewage from 34 properties in Beausale and 28 properties in Haseley Knob administrative progress has been made. The proposals have been explained to each of two parish meetings. The proposals now clearly include replacing the modified Beausale Housing Disposal Works by pumping sewage to the existing gravity sewers at Little Shrewley permitting processing at the existing Hatton and Shrewley Disposal Works.

8. Adoption by the Council of Privately Constructed Installations

The following adoptions have occurred or variations have been made:—

(a) **Sewers**

(i) Preparation to adopt the 6" foul sewage system on the Church Farm, Bishop's Tachbrook estate subject to satisfactory completion of the estate.

(ii) The foul sewer (extending from No. 14 Box Close, Whitnash, generally in a southerly direction for some 443 yards and including 9 manholes) was adopted as a public sewer.

(iii) In November 1971 some 600 yards of 6" foul sewer and 15 manholes in Jackson Close, Dorchester Avenue (South) Chichester Lane (South) Seymour Close, Minster Close, Magna Close and Seymour Close to outfall at manhole 44A, were recommended for adoption as public sewers.

(b) Pumping Stations

The foul sewage pumping station, adjacent to the railway off Golf Lane and Fieldgate Lane, was adopted.

This station houses a pair of submersible pumps in the reinforced concrete wet well, Control equipment is contained within a brick built superstructure. The adoption also included 500 yards of 5" diameter pumping main extending northwards to Golf Lane Sewage Pumping Station.

(c) Sewage Disposal Works

None.

9. Construction of Private Sewers

The main area of development has continued to be Golf Lane, Whitnash, where most of the private sewer construction has occurred.

Lower End Bubbenhall has shown some advance.

10. Rural District Council Sewage Disposal Works

(a) The number of septic tank type sewage disposal installations serving R.D.C. properties is as follows:—

<i>Site</i>	<i>No. of properties served</i>		<i>Future of the Disposal Works</i>	<i>No. of sludge emptyings during the year</i>
	<i>R.D.C.</i>	<i>Private</i>		
Beausale Heath Terrace	14 +8 =22	1	Modified to cater for eight new R.D.C. housing units. May be abandoned.	Three
Lowsonford	12	—	Proposals to pump to Lapworth S.D. Works have been considered.	Four

(b) The list of public village sewage disposal works is now increased by the completion of Norton Lindsey Disposal Works and is as follows:—

<i>Location of Sewage Disposal Works</i>	<i>Includes Works P.S.</i>	<i>Designed for Duplication</i>	<i>Designed for ultimate popula- tion of</i>
Bubbenhall	Yes	No	500
Leek Wootton	Yes	No	1,300
Lapworth & Rowington	Yes	Yes	3,400
Shrewley & Hatton	Yes	No	1,500
Old Milverton	No	Yes	98
Budbrooke	Yes (Drainings)	Can be redesigned	Being modified un- der Contract No.17
Norton Lindsey	Yes (Drainings & some raw)	Yes	663

The plant at Old Milverton is of the Septic tank type; all others have separate cold sludge digestion arrangements.

The tanks of the Old Milverton installations were emptied 4 times in 1971. Digested sludge removal from the village drying beds was done by private Contractor as was grass cutting at most of the sites.

11. No Council owned sewage disposal installations became redundant this year.

12. The number of foul sewage pumping stations on the line of sewers has been increased by the completion of the Hampton-on-the-Hill Sewage Pumping Station. The New Road, (Norton Lindsey) Station, although not commissioned, is in position. The complete list of stations with contained apparatus both "on line" and "at Works" is as follows:—

(a) Stations "on line".

<i>Location</i>	<i>Type of sump</i>	<i>Pump(s) (All for raw sewage)</i>	<i>Date of Installation of Pumps</i>
Burton Green, (Cromwell Lane)	Wet	Tuke and Bell Barrington (2)	1962
Bishop's Tachbrook	Dry	Wallwin Vertical Spindle (2)	1965/6
Baginton Mill	Wet	Flygt (1)	1969
Barford Bridge	Wet	Horizontal Wallwin (2)	1969 & 1970
Barford (Sandy Way)	Wet	Tuke & Bell Barrington (1)	1964
Crackley Crescent	Dry	Wallwin (Vertical Spindle (2)	1964
Cubbington Leicester Lane()	Dry	Wallwin Vertical Spindle (2)	1957
Cubbington (Offchurch Road)	Dry	Wallwin Vertical Spindle (2)	1958
Hatton (Station Rd.)	Wet	Flygt (1)	1967
Lapworth (Kingswood)	Dry	Mono—Vertical Spindle (2)	1964/5
Lapworth (Rising Lane)	Dry	Mono—Vertical Spindle	1964/5
Baddesley Clinton Netherwood Heath Farm	Wet	Flygt (2)	1967
Radford (Church)	Wet	Flygt Submersible (2)	1971
Radford (Valley)	Wet	Wallwin— Suspended (2)	1962
Stoneleigh	Wet	Wallwin— Suspended (1) Horizontal (1)	1962 1968
Sherbourne	Wet	Wallwin— Suspended (1)	1964
Whitnash (Home Farm Crescent)	Dry	Wallwin—Vertical Spindle (2)	1959
Whitnash (Golf Lane)	Wet	Flygt (2)	Adopted 1971 (1967)
Hampton-on-the-Hill	Wet	Wallwin— Horizontal (2)	1971
Norton Lindsey (New Road)	Wet	Flygt (1)	1971/2

(b) Foul sewage pumping stations forming part of sewage disposal apparatus exist at the following Works:—

<i>S.D. Works</i>	<i>Type of Sump and purpose</i>	<i>Pump</i>	<i>Date of Installation</i>
Bubbenhall	Wet/Dry Raw Sewage	Wallwin Vertical Spindle (2)	1965/6
Leek Wootton	Wet Raw Sewage	Wallwin Horizontal with Primer (1)	1965
Lapworth & Rowington	Wet/dry Raw Sewage (Sludge) (Water Supply)	Mono Vertical Spindle (2) Whitehead & Paul (1) Submersible (1) Worthington & Simpson	1964/5 1964/5 1964/5
Shrewley & Hatton	Wet Raw Sewage	Flygt (2)	1965
Budbrooke	Wet Drainings Water only	Flygt (1)	1966/7
Norton Lindsey	Drainings and Some raw	Flygt (2)	1971

13. Sewage movement across administrative boundaries was listed on Page 19 of last year's report.

Sewage is processed at this Council's Disposal Works at Norton Lindsey from certain properties in the Stratford R.D.C. The pumping process is carried out by Stratford's own installation at Wolverton.

14. *Private Sewage Pumping Stations (other than those for one property) are located within the District as follows:—*

- (i) Vernon Place (Red House Site) Barford, serves six properties and discharges to the public sewers.
- (ii) Part of a private disposal unit for six houses at Wroxall.
- (iii) At the Royal Agriculture Show site at Stoneleigh Park, three private pumping stations are still operating throughout the year. Details were given in the 1970 Annual Report.

15. *Surface Water Pumping Stations.*

The sole station of this type is at Cubbington and is owned by the Council.

16. The private foul sewage pumping station and disposal works at Hatton Hospital are maintained by the Hospital Board.

17. The private sewage disposal Works at Weston-under-Wetherley is to form the nucleus of the Eastern Area Sewerage Scheme. It is still maintained by the Hospital Board but negotiations for its acquisition by the Council have proceeded during the year.

18. Principal repairs carried out to Pumping Stations and Sewage Disposal Works are as follows:—

(a) *Pumping Stations*

Barford Sandy Way	New pump unit	£126·50
Burton Green Sewage Pumping Station	Brick up windows	£71·29
Lapworth (Kingswood)	New relays	£25·27
Radford Valley	Overhaul pump	£195·55

(b) *Sewage Disposal Works.*

Budbrooke	Replace Cable	£196·00
Rowington & Lapworth	Repair scraper electrics	£201·00

19. **Repairs and Blockages to sewers**

The following instances of repairs or blockages occurred.

<i>Parish of</i>	<i>Instances</i>
Whitnash	10
Barford	12
Bishops Tachbrook	4
Lapworth	7
Sherbourne	2
Stoneleigh	2
Cubbington	7
Leek Wootton	2
Bubbenhall	2
Rowington	2
Baddesley Clinton	1
Offchurch	1
Burton Green	2
Baginton	1
Hatton	2
Hampton Magna	1
Radford Semele	1
Total	59

Particular attention is drawn to the Barford total of 12 instances during the year.

20. Drainage Works Carried out During the Year with the aid of Grants were as follows:—

<i>Parish</i>	<i>Discretionary Grants</i>		<i>Standard Grants</i>	
	<i>Septic Tanks</i>	<i>Cess-pools</i>	<i>Septic Tanks</i>	<i>Cess-pools</i>
Budbrooke	1			
Honiley	1			
Lapworth	1	1		
Rowington			1	
Beausale			1	
Wroxall	6			
Wasperton	1			
Ashow	2			
Leek Wootton	1			
Sherbourne	1			
Haseley	3			
Baginton	1		3	
Totals	18	1	5	

21. Septic Tank and Cesspool Emptying Service

The records for the service are shown at Appendix 'A' and significant variations as between 1970 and 1971 are as follows:

Increases

Budbrooke	from	78	in 1970	to	95	in 1971
Haseley	,,	46	,, 1970	,,	56	,, 1971
Hatton	,,	11	,, 1970	,,	24	,, 1971
Old Milverton	,,	7	,, 1970	,,	16	,, 1971
Rowington	,,	100	,, 1970	,,	117	,, 1971

Decreases in parish totals occurred at

Barford	from	20	in 1970	to	11	in 1971
Blackdown	,,	33	,, 1970	,,	24	,, 1971
Norton Lindsey	,,	134	,, 1970	,,	116	,, 1971

The decreases are not due to completion of sewerage schemes. Movements, both upwards and downwards in the parish records, reflect the normal personal variations in applications for the service.

22. Night Soil Pail Collection

The weekly total of night soil pails collected—as shown in Appendix 'A' shows a continued reduction from 181 per week in 1970 to 153 per week this year.

The private collection from private properties in Stoneleigh continues. The figures for Eathorpe (20) Hunningham (24) Offchurch (20), Wappenbury (3) Weston-under-Wetherley (3) show that 46% of the collection service is located in the four parishes to be served by the Eastern Area Sewerage Scheme.

Housing

(1) Improvement Grants

		<i>Standard Grants</i>	<i>Discretionary Grants</i>
No. of applications received	...	11	55
No. of properties involved	...	11	57
No. of claims granted	... ..	12	49
No. of properties involved	...	12	50
No. of applications withdrawn	...	—	2
No. of applications refused	...	—	2

Following the trend throughout the country, the number of applications for discretionary grants has continued to rise and the 1971 figures show an increase of over 57% over the previous year. This increase although welcome put continual pressure on the Department in spite of an additional inspectors' appointment to carry out this and other work.

There are still many houses in the rural district which are capable of improvement and there should be no diminution in the number of applications for some time to come. The Eastern Area sewerage scheme will be under construction before long and this will give owners an added incentive to improve their dwellings to the 12 point standard in addition to connecting them to main drainage.

Payment was authorised in respect of 39 discretionary grants and 9 standard grants where work was completed during 1971.

6 applications for improvement grants and qualification certificates are included in the total of 55 shown above.

Where an owner wishes to change the tenancy of a house from a controlled to a regulated one with the object of securing an increase in rent, he may apply to the local authority for a Qualification Certificate which is issued when certain qualifying conditions obtain. These are that the house must have all the standard amenities for the exclusive use of the occupants, be in good state of repair having regard to age, character and locality, and be fit for human habitation.

Applications dealt with during 1971 were as follows:—

Housing Act, 1969. Section 44(1)

<i>Applications Received</i>	<i>Granted</i>	<i>Refused</i>
6	5	4

(2) New Houses provided by Rural District Council

Heathcote Road, Whitnash 17 dwellings

(3) New Houses—Private Development

A total of 164 dwellings was constructed.

(4) Improvements to Council Houses

11 houses at Mill Lane, Barford and 2 at Bishop's Tachbrook were completed in 1971.

(5) Demolition

5 dwellings subject to orders under the Housing Act were demolished.

Nuisances

The pattern of complaint from nuisance varies little from year to year and 71 were received and investigated. They covered a wide range including nuisances from fly infestations drainage, smoke from garden bonfires, defective premises, the keeping of animals and noise. One of the more unusual noise complaints involved a donkey—its frequent braying during the night being alleged to be a nuisance to the inhabitants of the neighbourhood!

Factories

The number of factories on the register is now 56. 3 notices were served in respect of contraventions of the Act and Regulations.

Animal Boarding Establishments

Licences are in force for the keeping of animals at seven premises within the district. A good standard of hygiene, maintenance and animal care is achieved. The busy period is the summer when owners leave their pets to go on holiday and it is at these times that inspections are particularly made.

Petroleum (Regulation) Acts 1928 and 1936

Two applications were approved during 1971 for the installation of petrol tanks, one being at a petrol filling station, the other at private premises. At the latter the tank was installed and in operation before the end of the year.

75 licences were issued for the keeping of 187,380 gallons of petroleum spirit.

In three instances there was a transfer of licence. 93 visits were made to premises to check that licensing conditions were being observed.

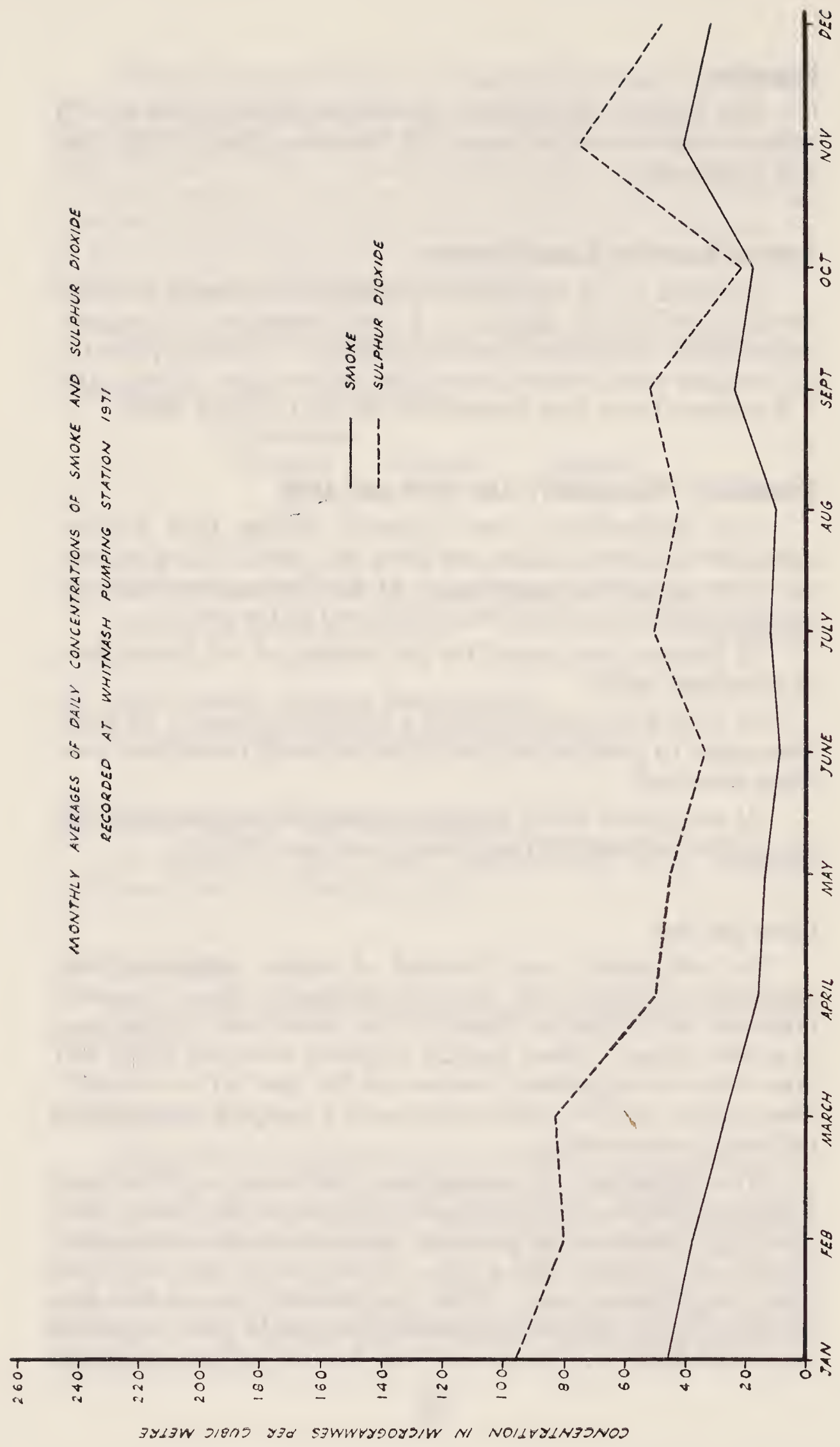
At one petrol filling station a vehicle damaged two of the pumps but fortunately there was no serious accident.

Clean Air Act

No complaints were received of smoke emissions from industrial premises but several nuisances from domestic premises were reported, caused in the main from the burning of garden refuse. These usually originate in urban areas and arise from un-neighbourly action on the part of a minority. Most garden rubbish will decompose in a compost heap and its burning is unnecessary.

The recording of atmospheric pollution at Whitnash Pumping Station has continued throughout the year. The monthly averages of daily concentrations of smoke and sulphur dioxide are shown in the graph. These figures vary but little from the previous year. With the tendency to use less bituminous fuel in domestic premises one would have expected the smoke figure to decrease but this has not yet materialised.

MONTHLY AVERAGES OF DAILY CONCENTRATIONS OF SMOKE AND SULPHUR DIOXIDE
RECORDED AT WHITNASH PUMPING STATION 1971



Food Premises

The routine inspection of food premises at frequent intervals may not make headline news but it forms an essential part of the work of a Public Health Department. One can never be complacent about standards of hygiene and every effort is made to encourage proprietors to raise standards apart from any consideration of legal requirements.

Following inspections of food premises eleven notices were sent to occupiers drawing their attention to contraventions of the food Hygiene (General) Regulations. Premises within the area are classified as follows:—

<i>1971</i>	<i>Number</i>
Bakeries	2
Butchers Shops	8
General Provisions including confectioners ...	60
Cafes, Restaurants	14
Licensed premises	34
Factory Canteens	2
Clubs	10
Fish frying premises	2
Others	6
Mobile Shops & Ice Cream etc.	6

Offices, Shops and Railway Premises Act, 1963.

The majority of offices and shops within the district are up to a high standard and few contraventions of the regulations have been reported—only eight notices being served. There are now 37 offices and 52 retail shops registered—increases of 7 and 6 respectively over the totals of 1970.

Three accidents were reported, two of which involved the use of fork lift trucks at warehouses. The operators of these vehicles no doubt achieve a certain skill in their operation but great care is needed when moving loads from low to high levels. The third accident occurred in a restaurant kitchen where an employee fell off a table on which she was standing to clean a wall.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

TABLE A—REGISTRATION AND GENERAL INSPECTIONS

Class of premises (1)	Number of premises registered during the year (2)	Total number of registered premises at the end of year (3)	Number of registered premises receiving a general inspection during the year (4)
Offices	4	37	8
Retail Shops	—	52	23
Wholesale Shops, Warehouses	—	5	2
Catering establish- ments open to the public, canteens	1	33	35
Fuel storage depots	—	—	—
TOTALS	5	127	68

TABLE B—Number of visits of all kinds by Inspectors
to registered premises

118

TABLE C—ANALYSIS OF PERSONS EMPLOYED IN
REGISTERED PREMISES AT END OF YEAR.

Class of Workplace (1)	Number of persons employed (2)
Offices	356
Retail Shops	150
Wholesale Departments, Warehouses	51
Catering Establishments, open to public	371
Canteens	2
Fuel Storage Depots	—
TOTAL	930
TOTAL MALES	400
TOTAL FEMALES	530

TABLE D—EXEMPTIONS

Part I Space (Sec. 5 (2))	} Nil.
Part II Temperature (Sec. 6)	
Part III Sanitary Conveniences..... (Sec. 9)	
Part IV Washing Facilities	
(Sec. 10)	

TABLE E—PROSECUTIONS

Nil.

TABLE F—INSPECTORS

THREE.

TABLE I.

WARWICK RURAL DISTRICT

SUMMARY OF WORK DONE IN THE HEALTH
INSPECTOR'S DEPARTMENT DURING THE YEAR, 1971.

				Inspections and observations made	Notices served		Notices complied with
					Statu- tory	In- formal	
Butchers' shops and slaughterhouses	...			54	—	2	—
Public houses, clubs, restaurants, etc.	...			38	—	6	2
Food premises (other than above)	...	...		105	—	11	4
Food Investigations	...			4	—	—	—
Factories	...	...		17	—	3	—
Houses	...	...	...	250	2	7	5
Houses—Grants	...	...		440	—	—	—
Houses—Qualification Certificate	...			18	—	—	—
Caravans	...	...	...	28	—	—	—
Rivers, streams and ditches	...	...		48	—	—	—
Drainage	...	...	...	255	3	5	8
Accumulations	...	...		43	—	2	2
Rodent Control	...	...		10	1	—	1
Vermin (other than rodents)	...	...		21	—	1	—
Animals (keeping of)	...			6	—	3	3
Dust nuisances	...	...		4	—	2	—
Smoke nuisances	...	...		31	—	—	—
Smell nuisances	...	...		33	—	—	—
Noise nuisances	...	...		46	—	—	—
Clean Air Act	...	...		66	—	—	—
Petroleum Acts	...	...		93	—	—	—
Animal Boarding Es- tablishments Act	...			14	—	—	—
Water supplies	...	...		35	—	—	—
Infectious diseases, etc.	...			62	—	—	—
Miscellaneous	...	...		142	—	—	—
Offices, Shops & Railways Premises Act	...	...		73	—	8	1
Water samples taken	...			18	—	—	—
Totals				1954	6	50	26

APPENDIX (A)

WARWICK RURAL DISTRICT COUNCIL.
SEWERAGE AND SEWAGE DISPOSAL.

(1) PARISH	(2) Public Sewer available	(3) Nightsoil pails emptied weekly		(4) No. of septic tanks and cesspool emptying visits during year		(5) Properties connected to sewers in 1971				
		1970	1971	1970	1971	By Discretionary Grant	By Standard Grant	Privately to exist- ing free connec- tion to curtilage	From Private development to existing sewers	From R.D.C. development to existing sewers
Ashow	No	13	10	15	18	—	—	—	—	—
Baddesley Clinton	1967	1	1	4	2	—	—	—	—	—
Baginton	1953	—	—	—	2	—	—	—	—	—
Barford	1952	—	—	20	11	—	—	—	—	—
Beausale	1946*	No	Service	35	35	—	—	—	—	—
Blackdown	No	No	service	33	24	—	—	—	—	—
Bishops Tachbrook	1949	No	service	9	4	1	—	—	—	—
Bubbenhall	1965/6	—	—	9	5	—	—	—	—	19
Budbrooke	1971	29	20	78	95	2	—	3	100	—
Bushwood	—	No	service	1	—	—	—	—	—	—
Cubbington	1952	—	—	3	6	—	—	—	—	—
Eathorpe	No	20	20	1	6	—	—	—	—	—
Guys Cliffe	No	No	service	—	—	—	—	—	—	—
Haseley	—	2	2	46	56	—	—	—	—	—
Hatton	1960	—	—	11	24	—	—	—	—	—
Honiley	No	No	service	10	12	—	—	—	—	—
Hunningham	No	24	24	23	30	—	—	—	—	—
Lapworth	1963/4	24	22	250	248	—	—	—	—	—
Leek Wootton	1958/9	—	—	13	17	—	—	—	—	—
Norton Lindsey	1971	10	4	134	116	1	1	20	—	—
Offchurch	No	22	20	40	45	—	—	—	—	—
Old Milverton	1965	No	service	7	16	—	—	—	—	—
Radford Semele	1954/5	—	—	10	8	—	—	—	—	—
Rowington	1963/4	4	4	100	117	—	—	—	—	—
Sherbourne	1952	—	—	2	2	—	—	—	—	—
Shrewley	1960/1	12	12	43	49	1	—	—	—	—
Stoneleigh	1953	7	8	49	52	—	—	3	—	—
Wappenbury	No	3	3	—	2	—	—	—	—	—
Wasperton	Village drain pre-1900	—	—	19	18	—	—	—	—	—
Weston-under-Wetherley	**	3	3	39	34	—	—	—	—	—
Whitnash	—	—	—	—	10	—	—	—	55	17
Wroxall	No	7	—	1	4	—	—	—	—	—
Other Districts	—	—	—	3	—	—	—	—	—	—
Total		181	153	1008	1068	5	1	26	174	17

Notes: (1) Units listed in column (3) and (4) could not necessarily be connected to existing public sewers.

(2) *Denotes R.D.C. Housing Disposal Works only.

(3) **All R.D.C. properties in Weston-under-Wetherley are privately sewered to the private Hospital S.D. Works.

(4) Column 5 for Stoneleigh does not include permanent buildings at the R.A.S.E. Showground connected to sewers.

TABLE I.
WARWICK RURAL DISTRICT

VITAL STATISTICS OF WHOLE DISTRICT DURING 1971
AND PREVIOUS YEARS.

YEAR	Population estimated to Middle of each Year.	BIRTHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Nett.		Under 1 Year of age.		At all Ages.	
		Number.	Crude Rate.	Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8
1962	27,540	580	18.5	7	13.7	321	11.3
1963	28,310	566	20.0	6	10.6	265	9.4
1964	28,880	502	17.5	12	23.8	296	10.3
1965	25,760	473	18.4	7	14.8	278	10.8
1966	25,010	429	16.3	7	16.3	301	12.0
1967	25,480	426	16.7	10	23.0	324	12.7
1968	26,290	467	17.8	5	11.0	316	12.0
1969	27,300	420	15.3	5	12.0	308	11.3
1970	27,660	432	15.6	4	9.0	312	11.3
1971	27,890	432	15.3	5	12.0	343	12.3

VITAL STATISTICS IN ENGLAND AND WALES, 1971.

ENGLAND AND WALES.

*Birthrate, Deathrate, and Infantile Mortality during the Year 1971.
(Provisional Figures).*

Annual Rate per 1,000 Population.

			Live Births.	Still Births per 1,000 Births.	Deaths.	Deaths under one year to 1,000 Births
England and Wales	...	...	16.0	12.0	11.6	18.0

TABLE III.

WARWICK RURAL DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING
THE YEAR 1971.

NOTIFIABLE DISEASE.	Number of Cases notified.								Total cases removed to Hospital.
	At all Ages.	At Ages—Years.							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	
Small-pox									
Leptospirosis									
Diphtheria (including Mem- branous Croup)									
Yellow Fever									
Scarlet Fever	4		4						
Paratyphoid Fever									
Typhoid Fever									
Anthrax									
Accute Encephalitis									
Dysentery	6	3			2	1			
Accute Meningitis									
Tetanus									
Acute Poliomyelitis (including Polioencephalitis)									
Whooping Cough	4	4							
Infective Jaundice	2		1		1				
Ophthalmia Neonatorum									
Measles	127	69	57		1				
Pulmonary Tuberculosis	4				2	1	1		
Other forms of Tuberculosis									
Food Poisoning									
Totals	147	76	62		6	2	1	—	

TABLE IV.
WARWICK RURAL DISTRICT.
CAUSES OF DEATH DURING THE YEAR 1971.

LIST B (CAUSES OF DEATH)					MALES	FEMALES
4	Enteritis	...	...	...	—	1
6(1)	Respiratory TB	...	...	...	1	—
6(2)	Other Tuberculosis	...	...	...	1	—
19(1)	Cancer (Buccal)	...	...	...	2	—
19(3)	Cancer (Stomach)	...	...	...	2	—
19(4)	Cancer (Intestine)	...	...	...	2	3
19(6)	Cancer—(Lung and Bronchus)	...	...	...	9	1
19(7)	Cancer—(Breast)	...	...	...	—	5
19(8)	Cancer—(Uterus)	...	...	...	—	2
19(9)	Cancer—(Prostate)	...	...	...	3	—
19(10)	Leukaemia	...	...	...	—	1
19(11)	Cancer—(Other)	...	...	...	5	11
20	Neoplasms Benign	...	...	...	1	1
21	Diabetes Mellitus	...	...	...	1	1
17	Syphilis	...	...	...	1	—
26	Chronic Rheumatic Disease	...	...	...	2	4
27	Hypertensive disease	...	...	...	1	6
28	Ischaemic heart disease	...	...	...	36	24
29	Other heart disease	...	...	...	5	14
30	Cerebro-vascular disease	...	...	...	16	22
31	Influenza	...	...	...	—	1
32	Pneumonia	...	...	...	18	55
33 (1)	Bronchitis/Emphysema	...	...	...	11	1
33(2)	Asthma	...	...	...	1	—
34	Peptic Ulcer	...	...	...	—	1
36	Intestinal Obstruction, Hernia	...	...	...	1	—
38	Nephritis Nephrosis	...	...	...	1	—
42	Congenital abnormality	...	...	...	4	—
43	Birth Injury etc.	...	...	...	1	—
44	Other Perinatal mortality	...	...	...	—	1
45	Ill defined conditions	...	...	...	1	1
46(1)	Other (Endocrine)	...	...	...	—	1
46(3)	Other (Mental)	...	...	...	1	1
46(4)	Other causes (Multiple Sclerosis)	...	...	...	1	—
46(5)	Other (Central nervous system)	...	...	...	3	—
46(6)	Other (Circulatory)	...	...	...	4	12
46(7)	Other (Respiratory)	...	...	...	6	3
46(8)	Other (digestive)	...	...	...	1	1
46(9)	Other (genito-urinary)	...	...	...	1	2
46(10)	Other (skin)	...	...	...	—	1
46(11)	Other (Musculo-Skeletal)	...	...	...	1	1
BE47	Motor Vehicle accidents	...	...	...	6	7
BE48	All other accidents	...	...	...	—	3
BE49	Suicide, etc.	...	...	...	2	2
BE50	All other external causes	...	...	...	1	—
All Causes ...					153	190

